

ABSTRACT

The present invention relates to a sound device, connected to a computer, for handling of asynchronously transferred digital audio packets on a network. The computer has an interface connected to a telephony application, a driver and a bus. The sound device is connected via the bus and includes a software frame buffer, codecs and an A/D-D/A converter, which is connected to in/out devices. The sound packets are transferred asynchronously through the computer, are buffered in the sound device frame buffer, decoded in the codec and D/A converted into an analog signal for the in/out devices. Speech to the in devices is processed in a corresponding manner. Having the buffer close to the codec enables processing of the sound packets, e.g. with respect to the varying time delay in the computer, restoring lost packets and producing replacement frames. The sound device relieves the computer of the heavy workload of processing the sound packets.